POSITIVE SYSTEMS

ADAR System 5500, Multispectral 1-Meter Data Set

PHASE II - Data Specifications

Specifications	SSGD-55 Ground Radiometric Data
Post-Flight Correction	N/A See Below for specifications of the product.
Spectral Band Pass (blue)	
Spectral Band Pass (green)	
Spectral Band Pass (red)	
Spectral Band Pass (NIR)	
Radiometric Quantization	12 bits per sample
Radiometric Accuracy & Stability	• Absolute Radiometric Accuracy to within ± 10% • Relative Radiometric Accuracy to within ± 5% • Linearity to within ± 5.0% over the entire dynamic range
Spatial Resolution and Image Quality (at all field angles)	**Spectral Band Information:** • 350 - 1050nm • 512 Channels • 1.4nm sampling size • 3nm resolution FWHM @ 700nm • +/- 1nm wavelength accuracy **Radiometric Accuracy Stability:** • Radiometric Calibration is NIST traceable **File Format:** • Spectral Data: Intermediate level ECS Metadata Standard or other agreed to format • Spatial Data: Intermediate level ECS Metadata Standard or other agreed to format **Metadata File Format:**

	• Intermediate level ECS Metadata Standard **Absolute Geolocation Accuracy of GPS receiver:** • Less than 5 meters
Image File Format	Formats compatible to accepted image analysis packages such as ArcInfo, ERDAS Imagine, ENVI and ER Mapper
Metadata File Format	Intermediate level ECS Metadata Std.
Percent Cloud Cover (site)	Less than 10% across full dataset
Absolute Geolocation Accuracy	
Resampling Algorithm	